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A connector for RF coaxial lines comprising two connector halves for establishing contact with the outer conductor of the RF coaxial line by means of an insulation displacement connection with at least one cutting edge arranged on each connector half, the cutting edges being arranged opposite each other in staggered manner in the longitudinal axial direction of the outer conductor and, after penetration of the outer insulation of the RF coaxial line, establish a cold-welding type connection with the outer conductor on the end face and at least one adjacent side face thereof, and the cutting edges, in case of a change in distance of their end faces with respect to each other, slide on the outer conductor without a gap being formed between outer conductor and cutting edges.

2. The connector of claim 1, wherein the connector has a plurality of pairs of cutting edges arranged symmetrically with respect to a plane extending perpendicularly to the longitudinal axial direction of the outer conductor.
3. The connector of claim 1, wherein the connector has a plurality of pairs of cutting edges which are arranged symmetrically with respect to a plane extending along the longitudinal axial direction of the outer conductor and which, in case of a change in distance of their end faces with respect to each other, slide on the outer conductor without a gap being formed between outer conductor and cutting edges.
4. The connector of claim 1, wherein a base plate formed on its longitudinal side with lugs extending substantially perpendicularly thereto, with one cutting edge pair each being arranged substantially perpendicularly thereto and extending away therefrom towards the outer conductor.
5. The connector of claim 4, wherein at least two lugs each on both longitudinal sides of the base plate, said lugs having cutting edge pairs with different axial distances of the cutting edges.
6. The connector of claim 4, wherein two connector halves are arranged on the RF line, with the cutting edge pairs overlapping each other.

Add new claims 7-14 as follows:

7. An electrical contact for making connection to a coaxial cable outer conductor, where the coaxial cable is comprised of an inner signal conductor, an inner core surrounding the signal conductor, conductive shielding surrounding the inner core and outer insulation surrounding the inner core, the contact comprising at least one upstanding side edge portion formed by first and second portions, said first and second portions have side faces generally aligned along a vertical axis, and further comprising end faces which are axially staggered in the axial direction of the cable, the side faces being profiled for cutting through the outer insulation and the end faces trapping the conductive shielding therebetween.
8. The electrical contact of claim 7, wherein said first and second portions are defined as cutting walls which extend in general transverse relation to said axial direction.
9. The electrical contact of claim 8, wherein a second upstanding side edge portion extends on an opposite side, forming opposed side edge portions, having parallel side faces extending along parallel vertical axes.
10. The electrical contact of claim 9, wherein a plurality of opposed side edge portions generally extend along axial lengths of said contact.
11. The electrical contact of claim 7, wherein the contact is generally rectangular in cross-section.
12. The electrical contact of claim 11, wherein said at least one side edge portion is positioned on at least end of said contact.
13. The electrical contact of claim 12, wherein said at least one side edge portion is at both ends of said contact.